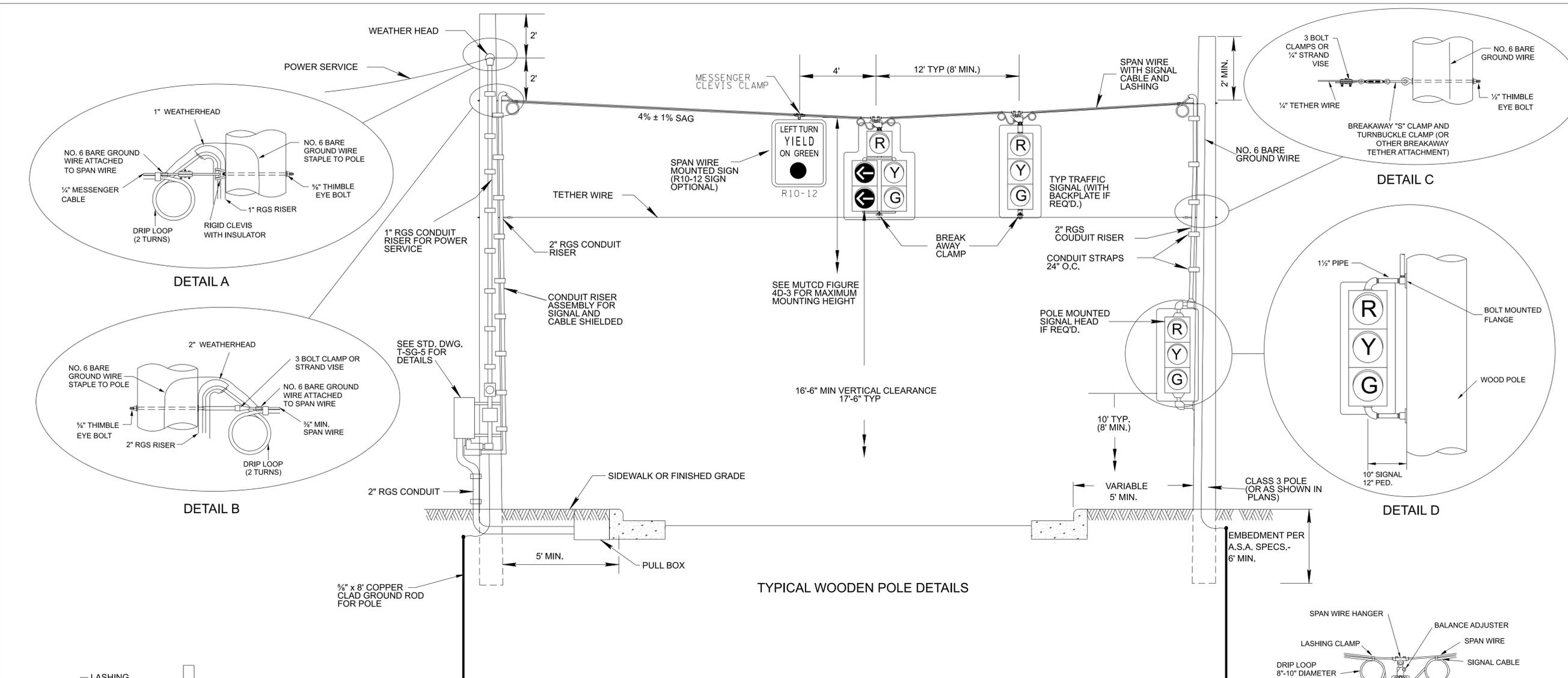
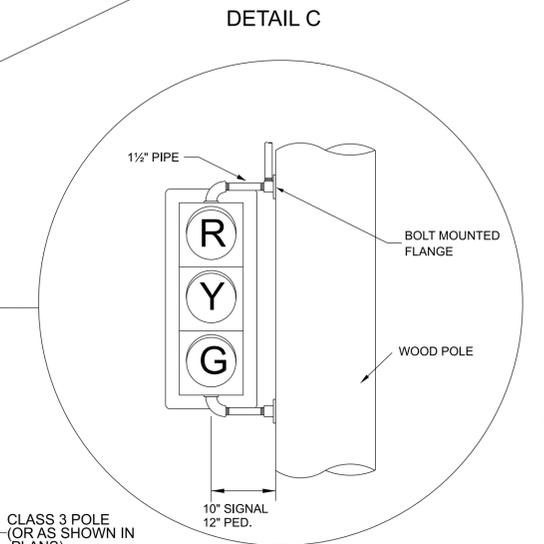
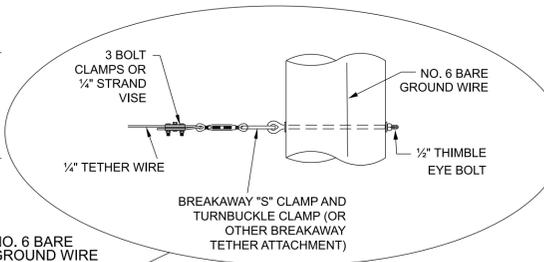


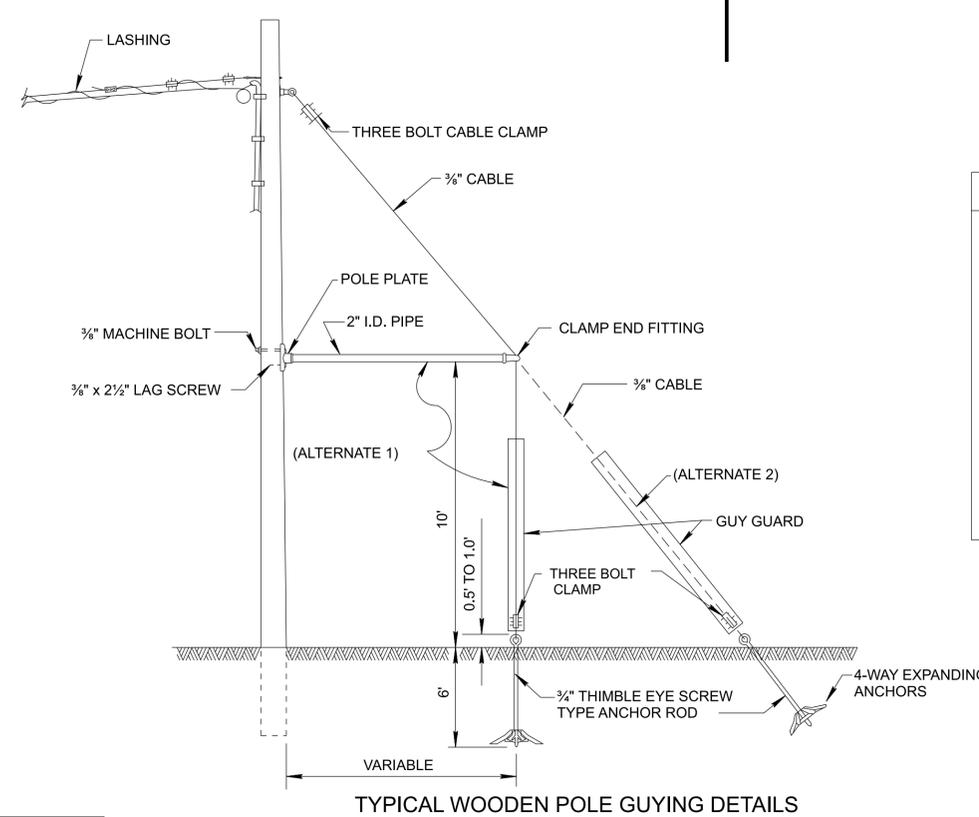
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TYPICAL WOODEN POLE DETAILS

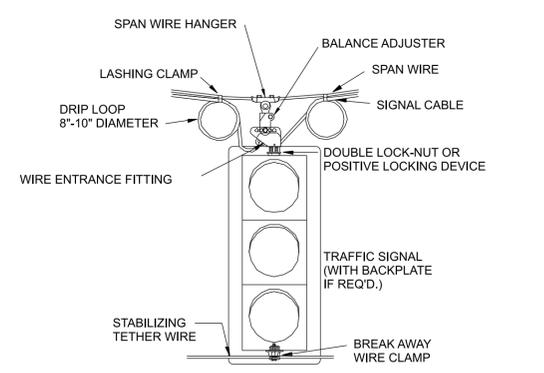


- REV. 6-7-72: ADDED PULL BOX TO CONTROLLER CABINET CONNECTION & CONDUIT RISER ASSEMBLY.
- REV. 7-1-72: CHANGED DEPARTMENT NAME.
- REV. 11-22-72: CHANGED MINIMUM CLEARANCE ON SIGNAL HEADS.
- REV. 11-30-72: ADDED HORIZONTAL CLEARANCE TO POLE MOUNTED SIGNAL HEAD.
- REV. 3-3-75: ADDED DETAIL OF DEAD END.
- REV. 1-1-76: CHANGED DWG. NO. FROM TR-S-1 TO T-SG-1.
- REV. 9-1-77: CHANGED PERCENT OF SAG ON SPAN WIRE.
- REV. 5-7-79: ADDED SPAN WIRE TO ALTERNATE GUYING DETAIL.
- REV. 4-13-84: DELETED REFERENCES TO SIZE 502 STRAIN INSULATOR. ADDED DETAIL FOR SPAN INSULATOR.
- REV. 4-12-85: ADDED NOTE FOR POLE EMBEDMENT. CHANGED POLE SIZE TO CLASS 3. CHANGED "SPAN" INSULATOR TO STRAIN INSULATOR.
- REV. 8-22-91: ADDED GUY GUARD. CHANGED GUY CABLE SIZE TO 3/8 INCH. CHANGED SERVICE CABLE CONDUIT SIZE TO 1". DELETED FUSE BOX.
- REV. 7-29-96: REDREW SHEET ON CADD AND MADE MINOR CHANGES.
- REV. 12-16-03: ADDED QUICK DISCONNECT, ADDED TETHER CABLE, CHANGED SAG TO 5% MAX. ADDED SIGNAL MOUNTING DETAIL, AND REVISED SHEET TITLE.
- REV. 7-29-04: REDREW, RENAMED AND REDESIGNED SHEET.
- REV. 11-1-11: REVISED R10-12 SIGN TO BE USED AS AN OPTIONAL SIGN.
- REV. 6-27-16: ADDED DIMENSIONS FROM SPAN WIRE TO POWER SERVICE TO TOP OF POLE ON SPAN WIRE DETAIL. CHANGED MAX. MOUNTING HEIGHT FROM 25'-6" TO 25'6". CHANGED 3/4" SPAN WIRE TO 3/8" MIN. SPAN WIRE ON DETAIL B. REORGANIZED AND REVISED MOUNTING HARDWARE DETAILS. DELETED NOTE (E) FROM WOOD POLE GENERAL NOTES AND RE-LETTERED REMAINING NOTES. MADE MINOR TEXT EDITS ON THE SHEET.
- REV. 12-18-25: UPDATED TO CONFORM TO MUTCD 11TH EDITION.

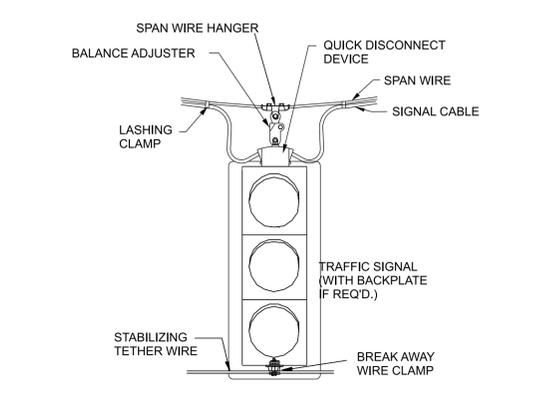


TYPICAL WOODEN POLE GUYING DETAILS

- WOOD POLE GENERAL NOTES**
- (A) LOCATIONS OF SIGNAL POLES SHOWN ON PLANS ARE APPROXIMATE AND CAN BE ADJUSTED UP TO 5' TO AVOID UTILITIES. ADJUSTMENTS GREATER THAN 5' MUST BE REVIEWED AND APPROVED BY ENGINEER.
  - (B) POWER SERVICE CABLE SHALL BE RUN ON WOOD POLE IN SEPARATE 1" RGS RISER (SEE STD. DWG. T-SG-5).
  - (C) IF IT IS NECESSARY TO RUN POWER SERVICE CABLE FROM ONE POLE TO ANOTHER, IT SHALL BE RUN ON SEPARATE MESSANGER CABLE (2' ABOVE SPAN WIRE WITH SIGNAL OR DETECTOR CABLES).
  - (D) ALL WOOD SIGNAL SUPPORT POLES SHALL BE GUYED.
  - (E) RED INDICATIONS TO BE APPROXIMATELY SAME HEIGHT. HANGER CONNECTOR EXTENDER OR TETHER EXTENDER MAY BE REQUIRED.
  - (F) SEE STD. DWG. T-SG-4 FOR ADDITIONAL DETAILS.



TYPICAL SIGNAL MOUNTING HARDWARE DETAIL



ALTERNATE QUICK DISCONNECT MOUNTING HARDWARE DETAIL

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE  
 STANDARD DRAWING  
 DEPARTMENT OF TRANSPORTATION

WOOD POLE DETAILS FOR SPAN MOUNTED SIGNALS

JAN 1970 T-SG-1

NOT TO SCALE